

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
22 June 2006 (22.06.2006)

PCT

(10) International Publication Number
WO 2006/065239 A1

(51) International Patent Classification⁷: **A23G 3/00**,
A61K 7/30

(21) International Application Number:
PCT/US2004/041956

(22) International Filing Date:
15 December 2004 (15.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/529,521 15 December 2004 (15.12.2004) US

(71) Applicant (for all designated States except US):
SMITHKLINE BEECHAM CORPORATION
[US/US]; One Franklin Plaza, PO Box 7929, Philadelphia,
PA 19101 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **DULLEA, Charles, V.** [US/US]; 1500 Littleton Road, Parsippany, NJ 07054 (US). **LECH, Stanley, J.** [US/US]; 1500 Littleton Road, Parsippany, NJ 07054 (US). **MEHTA, Naresh, I.** [US/US]; 1500 Littleton Road, Parsippany, NJ 07054 (US). **WILENSKY, Stuart** [US/US]; 1500 Littleton Road, Parsippany, NJ 07054 (US).

(74) Agent: **WINSLOW, Andrea, L.**; GlaxoSmithKline, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))
- of inventorship (Rule 4.17(iv))

Published:

- with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CLEANSER COMPOSITIONS COMPRISING A SENSORY SIGNAL

(57) Abstract: A cleanser composition suitable for use with oral appliances, which provides a sensory signal to the user. The sensory signal is such that the user believes the signal to indicate that cleansing of the oral device is occurring or, alternatively, that cleansing action has ceased.



WO 2006/065239 A1